atqqqqaaaa	cagtcgttgg	ggccagtagg	atgttctggc	taatgttttt	cgtgccgctt	60
	tetgeccag					120
	agcggcaaag					180
	actcgttccg					240
	ctcgctacga					300
	acgatgggga					360
	ctcgtgtggt					420
	gctacaacag					480
	tgcttgccgt					540
	aatqqqqqqq					600
ggaatgcaca	caaatcaatt	tettageagt	acadatatta	ccattotogc	atccaacaaa	660
	accetgtgea					720
	acgagggcaa					780
	tggcccttga					640
						900
	tggtgtacga					960
	gtgtgtgggg					1020
recacegoog	tgaccatcga	gggaacgcgc	gttatgetet	ccacacaccc	googaactet	1080
aagggaagge	ggctgcgcga	ccgaccgaac	ciccggciga	cygataacca	gegeaceeae	1140
	aagtatccat					-
	tgtactgttt					1200
	ttggcgagct		_			1260
	tgtccagcat					1320
	ccgctgtcac					1380
	gggaggatgc					1440
	gtttgaagtt					1500
	atcaacggta					1560
-	aggttccgag					1620
	aactcctggg					1680
	cggtgacgcc		_			1740
	cgaataaaat					1800
	ttgtgccaga					1860
	gtgatatgcc					1920
	tgaatgccga			_		1980
_ •	acatgggcag				•	2040
	gtgcccacag	-			•	2100
	ccgctgacag		-· ·		A .	2160
•	cgccctcgac					2220
-	gtgcccacag	-	_			2280
	ccgctgacaa				_	2340
	cgccctcgac					2400
	gtgcccacag	ž.	_		_	2460
ccctcagctc	ccgctgacag	caatgcccac	agtacgccct	cdactcccdd	tgacaacggt	2520
gcccacagta	cgccctcagc	tocogetgac	agcaatgccc	acagtacgcc	ctcgactčcc	2580
	gtgcccacag	_				2640
	ccgctgacag	_				2700
_	cgccctcagc	_				2760
	atgcccacag	_				2820
	ccgctgacag				•	2880
	cgccctcagc			-		2940
	gtgcccacag	_		_	•	3000
	ccggtgacaa	_	-		_	3060
	cggttttgat			. T		3120
	tgtgtgcggg					3180
tga						3183

FIG. 1

MGKTVVGASRMFWLMFFVPLLLALCPSEPAHALAPGSSRVELFK ROSSKVPFEKGGKVTERVVHSFRLPALVNVDGVMVAIADARYETSNDNSLIDTVAKYS **VDDGETWETQIAIKNSRASSVSRVVDPTVIVKGNKLYVLVGSYNSSRSYWTSHGDARD WDILLAVGEVTKSTAGGKITASIKWGSPVSLKEFFPAEMEGMHTNQFLGGAGVAIVAS** NGNLVYPVQVTNKKKQVFSKIFYSEDEGKTWKFGEGRSDFGCSEPVALEWEGKLIINT RVDYRRRLVYESSDMGNSWVFAVGTLSRVWGPSPKSNQPGSQSSFTAVTIEGMRVMLF THPLNFKGRWLRDRLNLWLTDNQRIYNVGQVSIGDENSAYSSVLYKDDKLYCLHEINS NEVYSLVFARLVGELRIIKSVLQSWKNWDSHLSSICTPADPAASSSERGCGPAVTTVG LYGFLSHSATKTEWEDAYRCVNASTANAERVPNGLKFAGVGGGALWPVSQQGQNQRYH **FANHAFTLVASVTIHEVPSVASPLLGASLDSSGGKKLLGLSYDEKHQWQPIYGSTPVT** PEGSWEMGKRYHVVLTMANKIGSVYIDGEPLEGSGQTVVPDGRTPDISHFYVGGYGRS DMPTISHVTVNNVLLYNRQLNAEEIRTLFLSQDLIGTEAHMGSSSGSSAHSTPSTPAD NGAHSTPSTPADSSAHSTPSTPADSSAHSTPSAPGDNGAHSTPSTPGDSSAHSTPSTP ADNGAHSTPSAPADSNAHSTPSTPADNGAHSTPSTPADNGAHSTPSTPGDNGAHSTPS TPGDSSAHSTPSTPADNGAHSTPSAPADSNAHSTPSTPGDNGAHSTPSAPADSNAHST **PSTPADSSAHSTPSAPGDNGAHSTPSAPADSSAHSTPSAPGDNGAHSTPSAPADNGAH** STPSAPGDSNAHSTPSTPADSSAHSTPSTPADSSAHSTPSAPGDNGAHSTPSAPADSS AHSTPSIPGDSSAHSTPSAPADSSAHSTPSAPGDNGAHSTPSTPADNGANGTVLILHD GAAFSAFSGGGLLLCAGALLLHVFVMAVFF

FIG. 2

atgctggcac ccggatcgag ccgagttgag ctgtttaagc ggcaaagctc gaaggtgcca tttgaaaagg acggcaaagt caccgagcgg gttgtccact cgttccgcct ccccgccctt gttaatgtgg acggggtgat ggttgccatc gcggacgctc gctacgaaac atccaatgac aactccctca ttgatacggt ggcgaagtac agcgtggacg atggggagac gtgggagacc caaattgcca tcaagaacag tcgtgcatcg tctgtttctc gtgtggtgga tcccacagtg attgtgaagg gcaacaagct ttacgtcctg gttggaagct acaacagttc gaggagctac tggacgtcgc atggtgatgc gagagactgg gatattctgc ttgccgttgg tgaggtcacg aagtccactg cgggcggcaa gataactgcg agtatcaaat gggggagccc cgtgtcactg aaggaatttt ttccggcgga aatggaagga atgcacacaa atcaatttct tggcggtgca ggtgttgcca ttgtggcgtc caacgggaat cttgtgtacc ctgtgcaggt tacgaacaaa aagaagcaag ttttttccaa gatcttctac tcggaagacg agggcaagac gtggaagttt gggaagggta ggagcgcttt tggctgctct gaacctgtgg cccttgagtg ggaggggaag ctcatcataa acactcgagt tgactatcgc cgccgtctgg tgtacgagtc cagtgacatg gggaattcgt ggctggaggc tgtcggcacg ctctcacgtg tgtggggccc ctcaccaaaa tcgaaccage ccggcagtca gagcagette actgccgtga ccatcgaggg aatgcgtgtt atgctcttca cacacccgct gaattttaag ggaaggtggc tgcgcgaccg actgaacctc tggctgacgg ataaccagcg catttataac gttgggcaag tatccattgg tgatgaaaat tccgcctaca gctccgtcct gtacaaggat gataagctgt actgtttgca tgagatcaac agtaacgagg tgtacagcct tgtttttgcg cgcctggttg gcgagctacg gatcattaaa tcagtgctgc agtcctggaa gaattgggac agccactgt ccagcatttg caccctgct gatccagccg cttcgtcgtc agagcgtggt tgtggtcccg ctgtcaccac ggttggtctt gttggctttt tgtcgcacag tgccaccaaa accgaatggg aggatgcgta ccgctgcgtg aacgcaagca cggcaaatgc ggagagggtt ccgaacggtt tgaagtttgc gggggttggc ggaggggggc tttggccggt gagccagcag gggcagaatc aacggtatcg ctttgcaaac cacgcgttca ccgtggtggc gtcggtgacg attcacgagg ttccgagcgt cgcgagtcct ttgctgggtg cgagcctgga ctcttctggt ggcaaaaaac tcctggggct ctcgtacgac gagaggcacc agtggcagcc aatatacgga tcaacgccgg tgacgccgac cggatcgtgg gagatgggta agaggtacca cgtggttctt acgatggcga ataaaattgg ctccgagtac attgatggag aacctctgga gggttcaggg cagaccgttg tgccagacga gaggacgcct gacatetece aettetaegt tggegggtat aaaaggagtg atatgeeaac cataageeac gtgacggtga ataatgttct tctttacaac cgtcagctga atgccgagga gatcaggacc ttgttcttga gccaggacct gattggcacg gaagcacaca tggacagcag cagcgacacg agtgcctga

FIG. 3

MLAPGSSRVELFKRQSSKVPFEKDGKVTERVVHSFRLPALVNVD
GVMVAIADARYETSNDNSLIDTVAKYSVDDGETWETQIAIKNSRASSVSRVVDPTVIV
KGNKLYVLVGSYNSSRSYWTSHGDARDWDILLAVGEVTKSTAGGKITASIKWGSPVSL
KEFFPAEMEGMHTNQFLGGAGVAIVASNGNLVYPVQVTNKKKQVFSKIFYSEDEGKTW
KEGKGRSAFGCSEPVALEWEGKLIINTRVDYRRRLVYESSDMGNSWLEAVGTLSRVWG
PSPKSNQPGSQSSFTAVTIEGMRVMLFTHPLNFKGRWLRDRLNLWLTDNQRIYNVGQV
SIGDENSAYSSVLYKDDKLYCLHEINSNEVYSLVFARLVGELRIIKSVLQSWKNWDSH
LSSICTPADPAASSSERGCGPAVTTVGLVGFLSHSATKTEWEDAYRCVNASTANAERV
PNGLKFAGVGGGALWPVSQQGQNQRYRFANHAFTVVASVTIHEVPSVASPLLGASLDS
SGGKKLLGLSYDERHQWQPIYGSTPVTPTGSWEMGKRYHVVLTMANKIGSEYIDGEPL
EGSGQTVVPDERTPDISHFYVGGYKRSDMPTISHVTVNNVLLYNRQLNAEEIRTLFLS
QDLIGTEAHMDSSSDTSA

FIG. 4

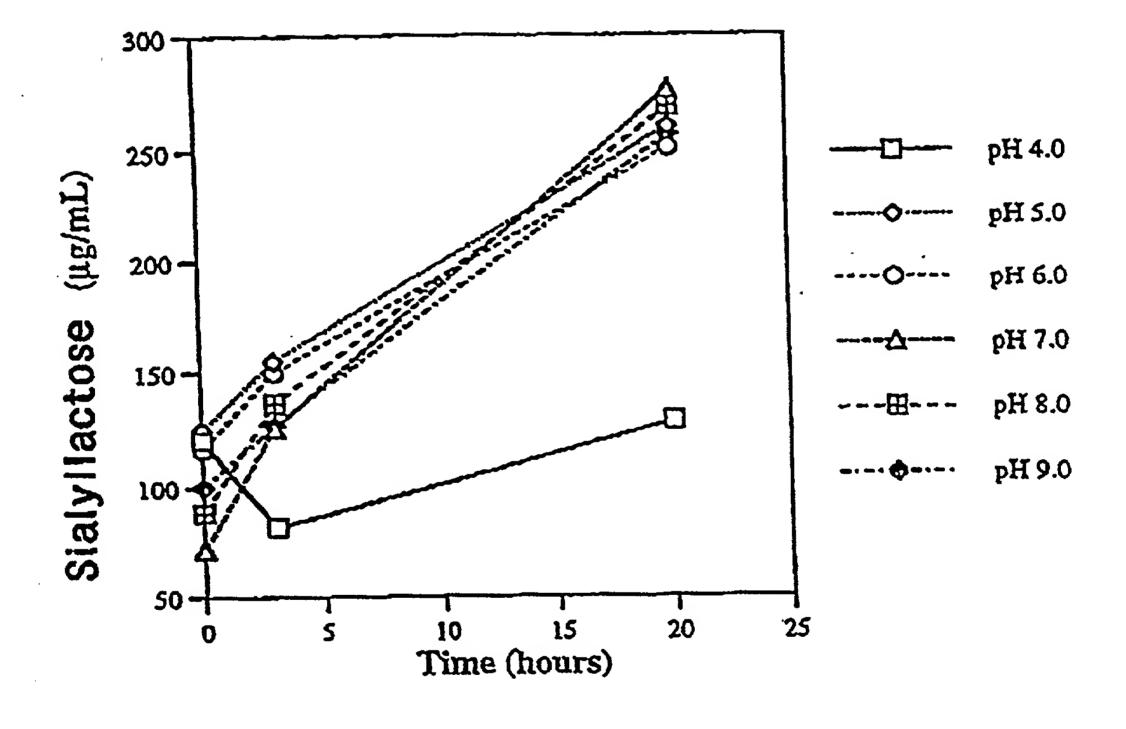


FIG. 5

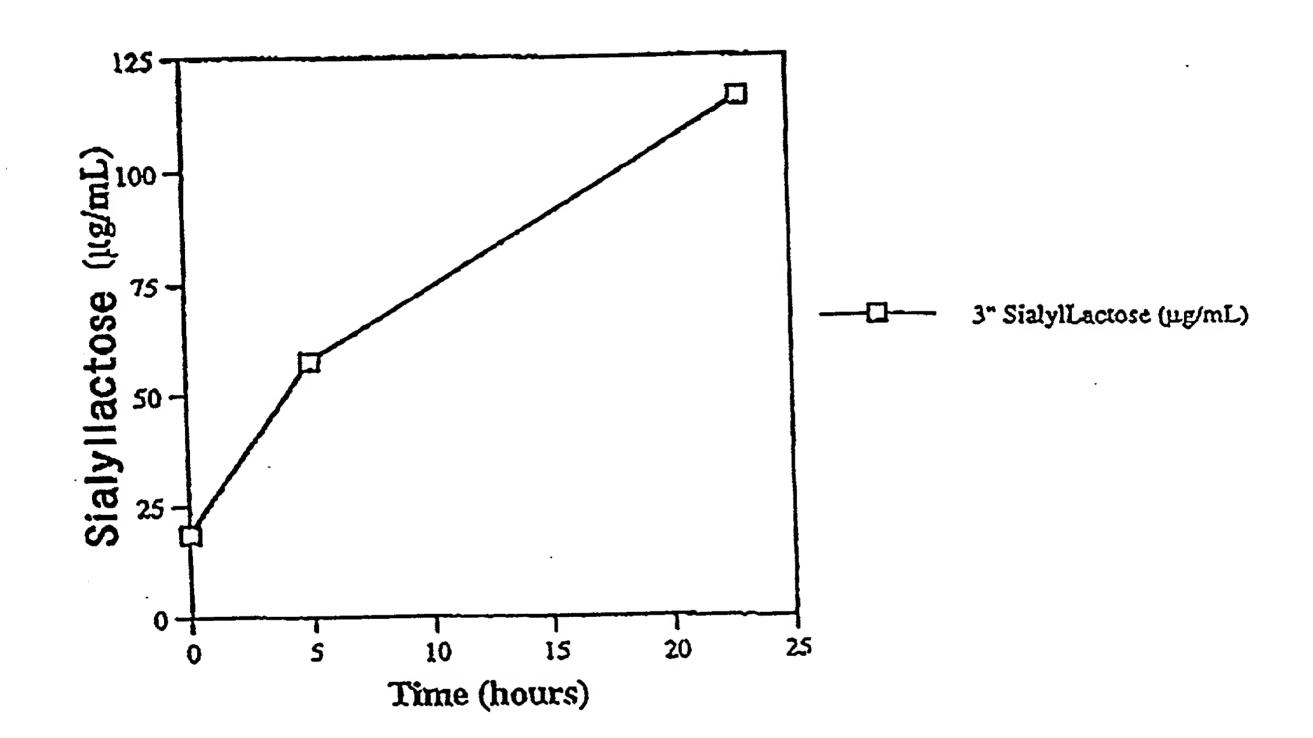


FIG. 6

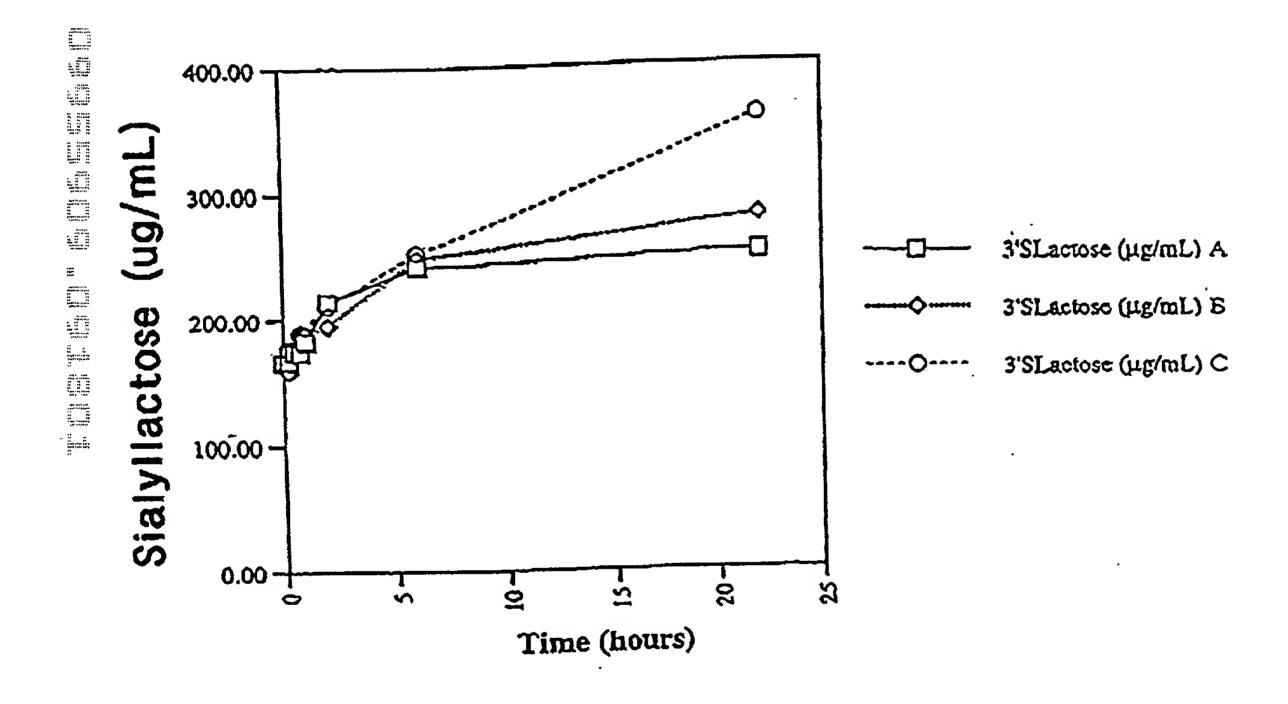


FIG. 7A

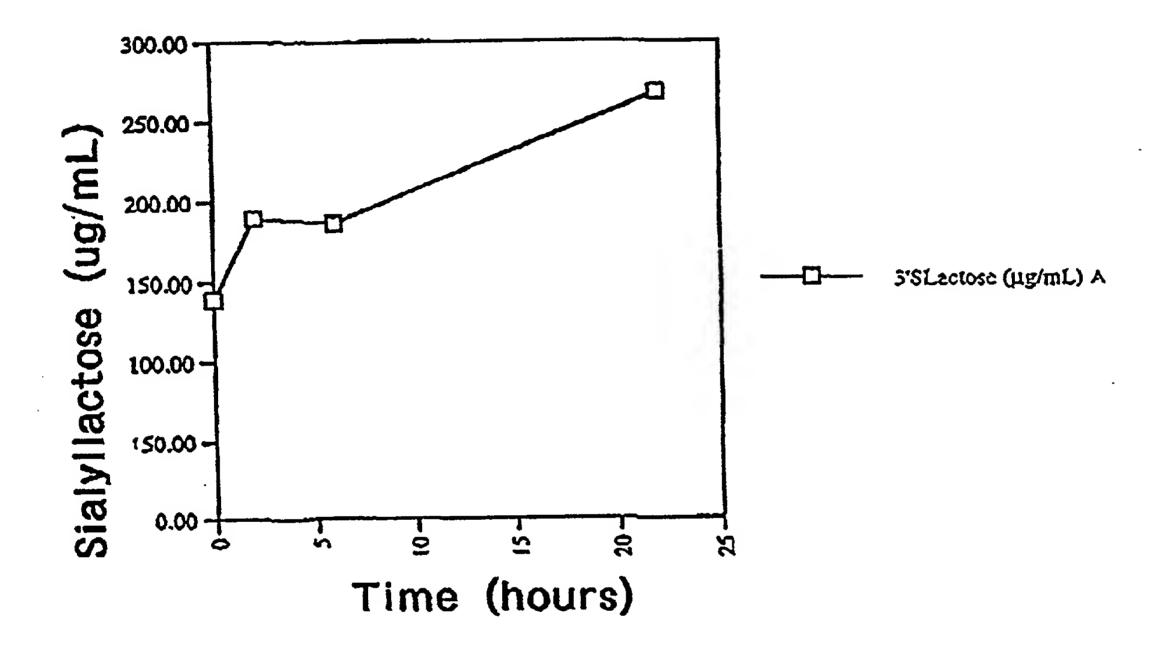


FIG. 7B

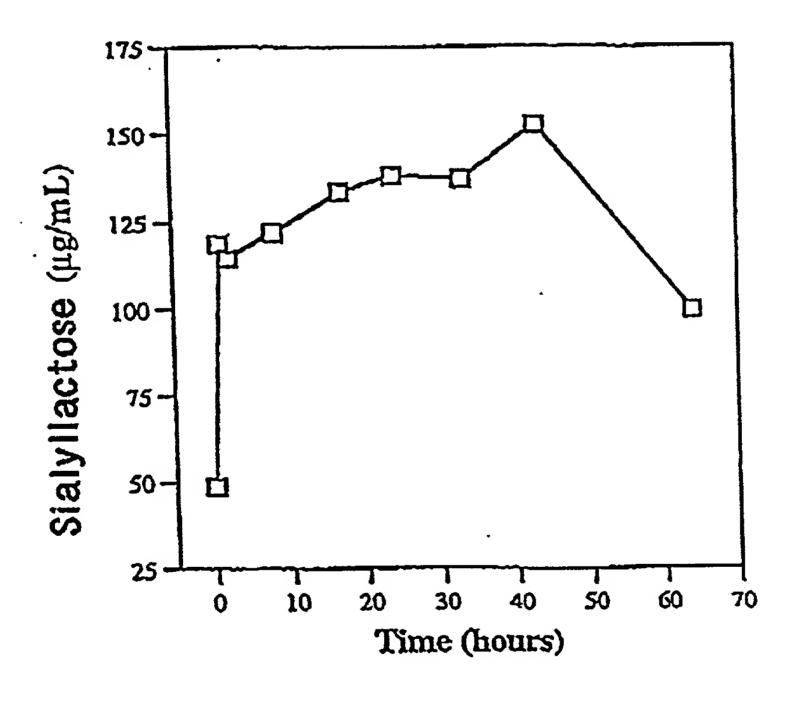


FIG. 8

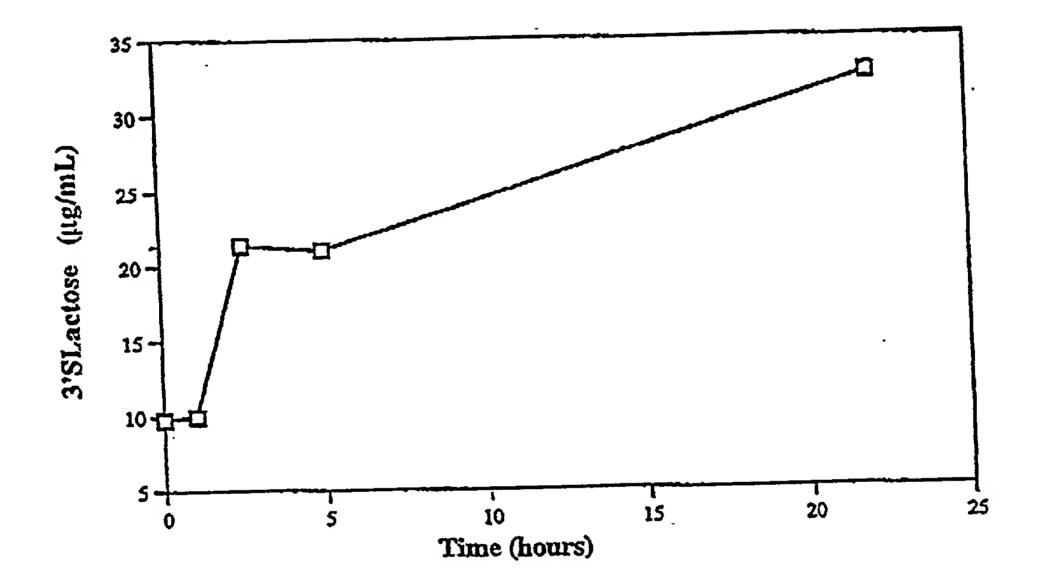


FIG. 9